



CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board

500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

Northland Laboratories - Northbrook
1818 Skokie Boulevard
Northbrook, IL 60062

has been assessed by ANAB
and meets the requirements of international standard

ISO/IEC 17025:2005

while demonstrating technical competence in the field(s) of

TESTING

Refer to the accompanying Scope(s) of Accreditation for information regarding the types of tests to which this accreditation applies.

AT-1491

Certificate Number

ANAB Approval

Certificate Valid To: 10/22/2016

Version No. 001 Issued: 11/13/2015



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated January 2009*).



ANSI-ASQ National Accreditation Board

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

Northland Laboratories - Northbrook

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TESTING

Valid to: October 22, 2016

Certificate Number: AT - 1491

I. Microbiological

ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	*KEY EQUIPMENT OR TECHNOLOGY
Food / Environmental	Aerobic Plate Count	FDA/BAM Ch 3	
Food / Environmental	Aerobic Plate Count by Petrifilm	AOAC 990.12	Petrifilm
Food / Environmental	Coliform/ <i>E. coli</i> Count by VRBA	FDA/BAM Ch 4	
Food / Environmental	Coliform/ <i>E. coli</i> Count by MPN	FDA/BAM Ch 4	
Food / Environmental	Coliform/ <i>E. coli</i> Count by Petrifilm	AOAC 991.14 / 991.99	Petrifilm
Food / Environmental	<i>Enterobacteriaceae</i> by Petrifilm	CMMEF 8.63/ AOAC 2003.01	Petrifilm
Food / Environmental	<i>Staphylococcus aureus</i> Count, coagulase positive	FDA/BAM Ch 12	
Food / Environmental	<i>Staphylococcus aureus</i> Count, coagulase positive by Petrifilm	AOAC 2003.07	Petrifilm
Food / Environmental	Yeast/Mold Count	FDA/BAM Ch 18	

ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	*KEY EQUIPMENT OR TECHNOLOGY
Food / Environmental	Yeast/Mold Count by Petrifilm	AOAC 997.02	Petrifilm
Food / Environmental	Rapid Yeast/Mold Count by Petrifilm	AOAC PTM 121301	Petrifilm
Food	Listeria genus by ELFA	AOAC 2004.06	BioMerieux VIDAS
Environmental	Listeria genus by ELFA	AOAC RI 981202	BioMerieux VIDAS
Food / Environmental	Listeria genus by PCR	AOAC RI 090701	Bio-Rad iQCheck
Food / Environmental	<i>Listeria monocytogenes</i> by ELFA	AOAC 2004.02	BioMerieux VIDAS
Food / Environmental	<i>Listeria monocytogenes</i> by PCR	AOAC RI 010802	Bio-Rad iQCheck
Food / Environmental	Salmonella genus by ELFA	AOAC 2011.03	BioMerieux VIDAS
Food / Environmental	Salmonella genus by PCR	AOAC RI 010803	Bio-Rad iQCheck
Food / Environmental	<i>E. coli</i> O157:H7 by ELFA	AOAC RI 060903	BioMerieux VIDAS
Food / Environmental	<i>E. coli</i> O157:H7 by PCR	AOAC RI 020801	Bio-Rad iQCheck

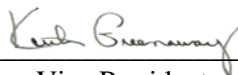
II. Chemical

ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	*KEY EQUIPMENT OR TECHNOLOGY
Food	Ash	AOAC 923.03	Muffle Furnace
Food	Fat (Modified Mojonnier / Roesse Gottlieb)	AOAC 989.05	
Food	Fat (Acid Hydrolysis)	AOAC 922.06	

ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	*KEY EQUIPMENT OR TECHNOLOGY
Food	Fat (Soxhlet)	AOAC 960.39	
Food	Moisture	AOAC 926.08	Vacuum oven
Food	Moisture	AOAC 950.46B	Drying oven
Food	Protein (combustion)	AOAC 990.03	LECO Analyzer
Food	Total Dietary Fiber	AOAC 985.29	
Food	Vitamin A	AOAC 992.04 / 974.29 (Modified)	HPLC
Food	Vitamin C	Journal of Liquid Chromatography & Related Technology	HPLC
Food	Salt (Volhard)	AOAC 935.43	
Food	Metals and Minerals (Ca, Mg, Fe, K, Na)	Modified AOAC 2011.14	ICP-MS
Food	Heavy Metal Contaminants (As, Pb, Cd, Hg)	Modified AOAC 2013.06	ICP-MS

Notes:

1. * = As Applicable
2. This scope is formatted as part of a single document including the Certificate of Accreditation No. AT-1491



Vice President

